



Dr. Mihhail Berezovski

MATHEMATICS SEMINAR SERIES

The Mathematics Seminar Series

Presented by The Department of Mathematics

RESEARCH PROJECTS IN DATA-ENABLED INDUSTRIAL MATHEMATICS

Guest lecturer: Dr. Mihhail Berezovski

Assistant Professor of Mathematics
Embry-Riddle Aeronautical University

Date: March, 11, 2021

Time: 12:30-1:30 PM



<https://erau.zoom.us/j/6552516630>

ABSTRACT:

Increasingly, industries hiring mathematicians want their new hires to have experiences that extend beyond the classroom. Therefore, offering students the opportunity to participate in nontraditional activities during the academic year is a plausible and attractive option for many students.

In this talk, we will discuss the challenges of bringing collaboration with real business, industry, or government (BIG) into academia.

We will talk about the experience of mentoring undergraduate students in multiple data-enabled research projects, based on original real-world problems provided directly by businesses and industry. We highlight differences and challenges compare to traditional undergraduate research.

We will overview several different undergraduate research opportunities and student training, including the PIC Math program, ERAU Research Projects in Industrial Mathematics course and recent ERAU REU site funded by NSF.

We will discuss the possible ways to response to COVID19 situation and share ideas for successfully designing and mentoring such projects.



Support for the ERAU REU Site has been provided by the National Science Foundation (NSF) through REU Award Number DMS - 2050754.

SEMINAR SERIES ORGANIZERS:

Dr. Stefan C. Mancas
Embry-Riddle Aeronautical University
Department of Mathematics
1 Aerospace Blvd.
Daytona Beach, FL 32114
Email: mancass@erau.edu
Phone: 386-226-7749

Dr. Mozghan "Nora" Entekhabi
Florida A&M University
Department of Mathematics
1601 S. Martin Luther King Jr., Blvd.
Tallahassee, FL 32307
E-mail: mozghan.entekhabi@fam.edu
Phone: 850-412-5230

